GOVERNMENT OF INDIA
ENVIRONMENT, FORESTS AND CLIMATE CHANGE
LOK SABHA

UNSTARRED QUESTION NO:1654
ANSWERED ON:08.03.2016
Earth Temperature
Patel Shri Devji Mansingram

Will the Minister of ENVIRONMENT, FORESTS AND CLIMATE CHANGE be pleased to state:

(a) whether it has been assessed that the temperature of the earth is likely to increase by four degrees due to emission from automobiles, thermal power plants and atomic power plants etc.;
(b) if so, the details of the measures adopted in Paris Conference to check this increase in temperature;
(c) whether the Government proposes to make use of gas and solar energy instead of diesel and petrol for running the cars in the country including Delhi; and
(d) the details of other measures adopted by the Government to reduce the impact of global warming in the metropolitan cities of the country including Rajasthan?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI PRAKASH JAVADEKAR)

(a) The Fifth Assessment Report (AR5) of Inter- Governmental Panel on Climate change (IPCC) published in the year 2014 highlights that mean surface temperature of the globe has risen by 0.850C over the period 1880 to 2012. Global mean surface temperature increases in 2100 in baseline scenarios, those without additional mitigation, range from 3.70C to 4.80C above the average for 1850-1900 for a median climate response.

(b)The Paris Agreement adopted by the Parties during 21st Conference of Parties held in Paris from 30th November to 12thDecember, 2015 aims to strengthen the global response to the threat of climate change, in the context of sustainable development and efforts to eradicate poverty, including by: (a) Holding the increase in the global average temperature to well below 2 Â°C above pre-industrial levels and to pursue efforts to limit the temperature increase to 1.5 Â°C above pre-industrial levels, recognizing that this would significantly reduce the risks and impacts of climate change; (b) Increasing the ability to adapt to the adverse impacts of climate change and foster climate resilience and low greenhouse gas emissions development, in a manner that does not threaten food production.